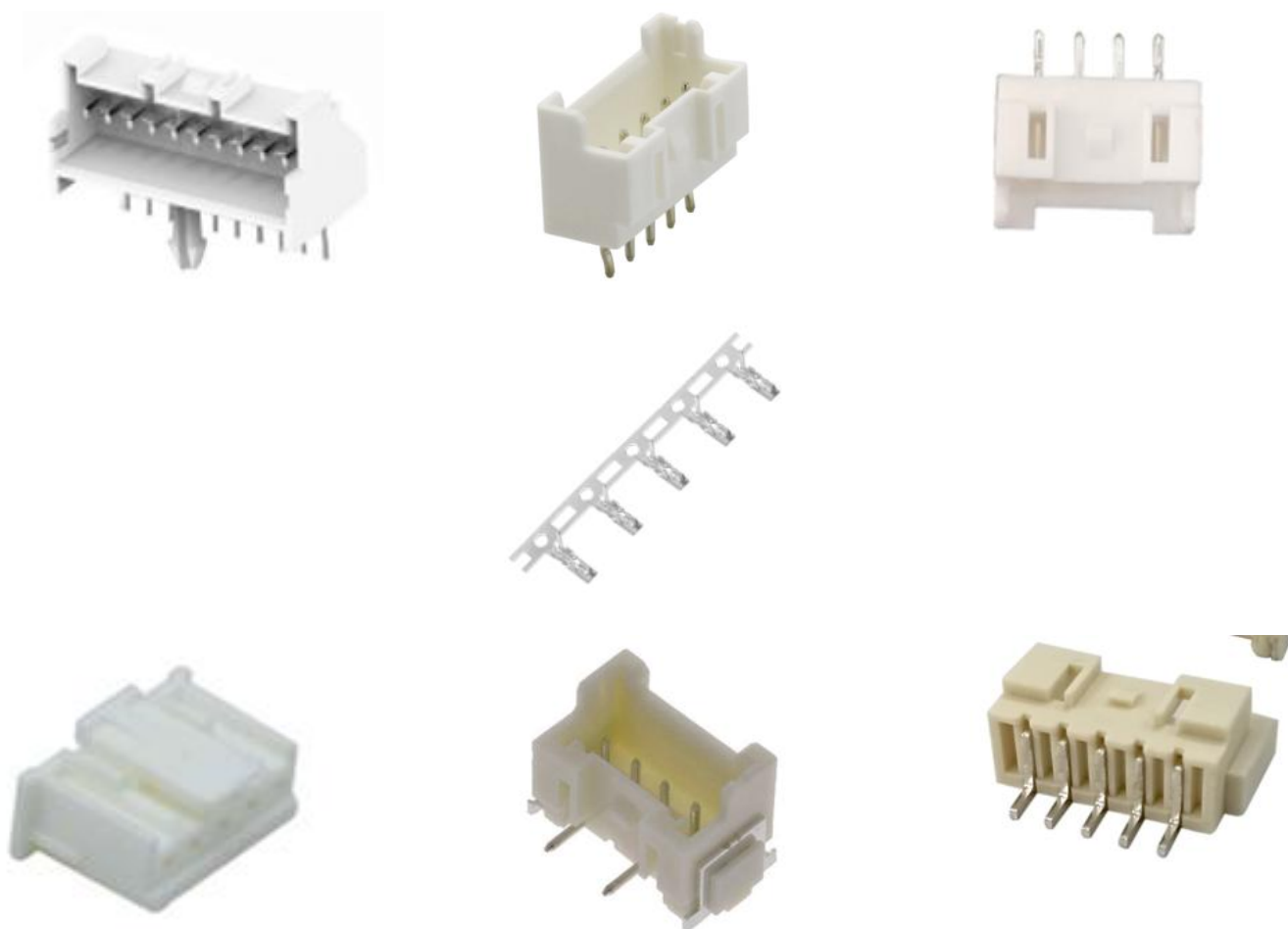


.098" (2.50mm) Pitch/Disconnectable Insulation Displacement Connectors

.098" (2.50mm) Connectors



.098" (2.50mm) Pitch 180° Wafer

Specifications:

Material And Finish:

Insulator: PA66 UL94V-0

Contact: Brass

Plated: See Ordering Information

Rating:

Current Rating: 3.0 Amp (22AWG)

Voltage Rating: 250V AC/DC

Operating Temperature Range: -40°~+105°C

Electrical:

Contact resistance: 10m Ohm Max

Insulator resistance: 1000M ohm min.

Withstanding Voltage: 1000V DC/Minute



HJBRIGHT®

Ordering Information

A2505S-XXX-XX-XXX

1 2 3 4 5 6 7 8

1:—Series No.

2:—S: Straight Type

3:—No. of Positions

4:—Q: Tin Plated

5:—01: W/O Peg

02: W/1 Peg

6:—Color:

N: Natural

R: Red

B: Black

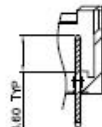
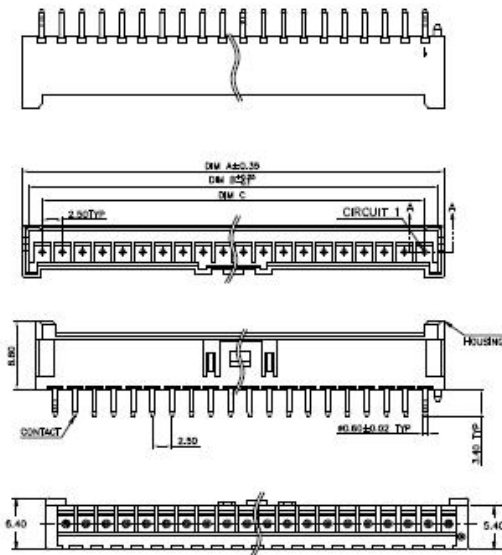
Y: Yellow

7:—G: Glowing Filament

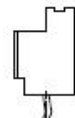
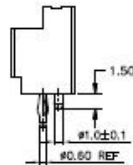
V: UL94V-0

8:—A: In Bag

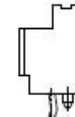
B: In Tube



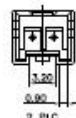
SECTION A-A



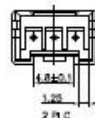
01: W/O Peg



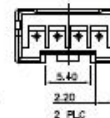
02: W/1 Peg



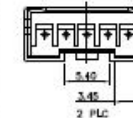
2 POSITION



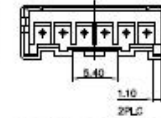
3 POSITION



4 POSITION



5 POSITION



N= 6 THRU 20 POSITION

POS	D1MA	D1MB	D1MC
2	7.50	5.83	2.50
3	10.00	8.33	5.00
4	12.50	10.83	7.50
5	15.00	13.33	10.00
6	17.50	15.83	12.50
7	20.00	18.33	15.00
8	22.50	20.83	17.50
9	25.00	23.33	20.00
10	27.50	25.83	22.50
11	30.00	28.33	25.00
12	32.50	30.83	27.50
13	35.00	33.33	30.00
14	37.50	35.83	32.50
15	40.00	38.33	35.00
16	42.50	40.83	37.50
17	45.00	43.33	40.00
18	47.50	45.83	42.50
19	50.00	48.33	45.00
20	52.50	50.83	47.50

Specifications:

Material And Finish:

Insulator: PA66 UL94V-0

Contact: Brass

Plated: See Ordering Information

Rating:

Current Rating: 3.0 Amp (22AWG)

Voltage Rating: 250V AC/DC

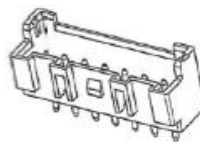
Operating Temperature Range: -40°~+105°C

Electrical:

Contact resistance: 10m Ohm Max

Insulator resistance: 1000M ohm min.

Withstanding Voltage: 1000V DC/Minute



Ordering Information

A2505S-XXQ-XX-XAJ

1 2 3 4 5 6 7

1:—Series No.

2:—S: Straight Type

3:—No. of Positions

4:—Q: Tin Plated

5:—01: W/O Peg

02: W/1 Peg

6:—Color:

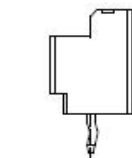
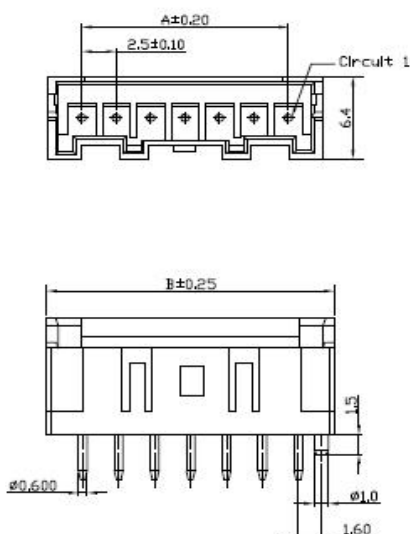
N: Natural

R: Red

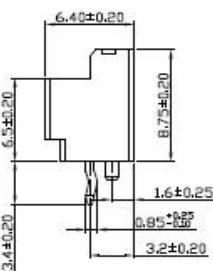
Y: Yellow

BL: Blue

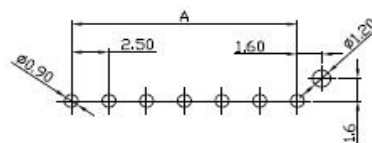
7:—A: In Bag



01: W/O Peg



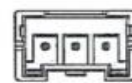
02: W/1 Peg



P.C.B LAYOUT (T=1.6mm)



4P, 5P
Scale 1:0.5



2P, 3P
Scale 1:0.5

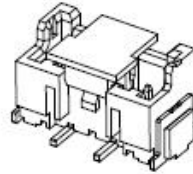
Poles	Dimensions (mm)	
	A	B
02P	/	7.50
03P	5.00	10.00
04P	7.50	12.50
05P	10.00	15.00
06P	12.50	17.50
07P	15.00	20.00
08P	17.50	22.50
09P	20.00	25.00
10P	22.50	27.50
11P	25.00	30.00
12P	27.50	32.50
13P	30.00	35.00
14P	32.50	37.50
15P	35.00	40.00

东莞市华晶电子有限公司
<http://www.hjbright.com>

.098" (2.50mm) Pitch SMT Wafer

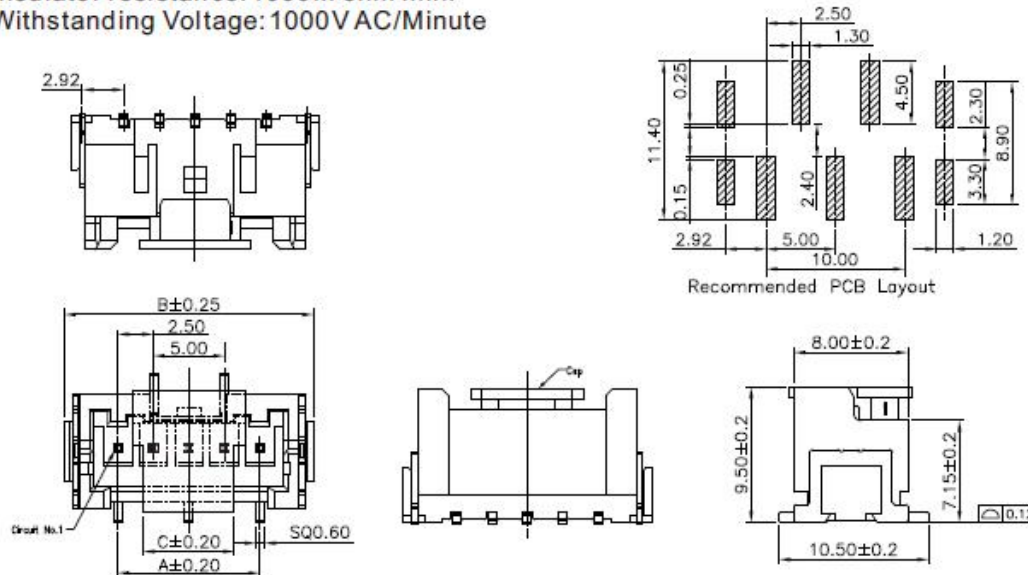
HJBRIGHT®

Specifications:
Material And Finish:
Insulator: PA9T UL94V-0 COLOR: Natrual
Contact: Brass
Solder tabs: Brass
Plated: Tin Plated Over Ni
Rating:
Current Rating: 3.0 Amp (22AWG)
Voltage Rating: 250V AC/DC
Operating Temperature Range: -40°~+125°C
Electrical:
Contact resistance: 10m Ohm Max
Insulator resistance: 1000M ohm min.
Withstanding Voltage: 1000V AC/Minute



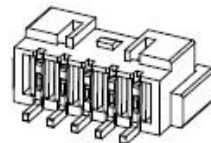
Ordering Information
A2505M-XXQ-01-F
1 2 3 4 5

1:—Series No.
2:—M: SMT Type
3:—No. of Positions
4:—Q: Tin Plated
5:—F: In Cap Tape & Reel



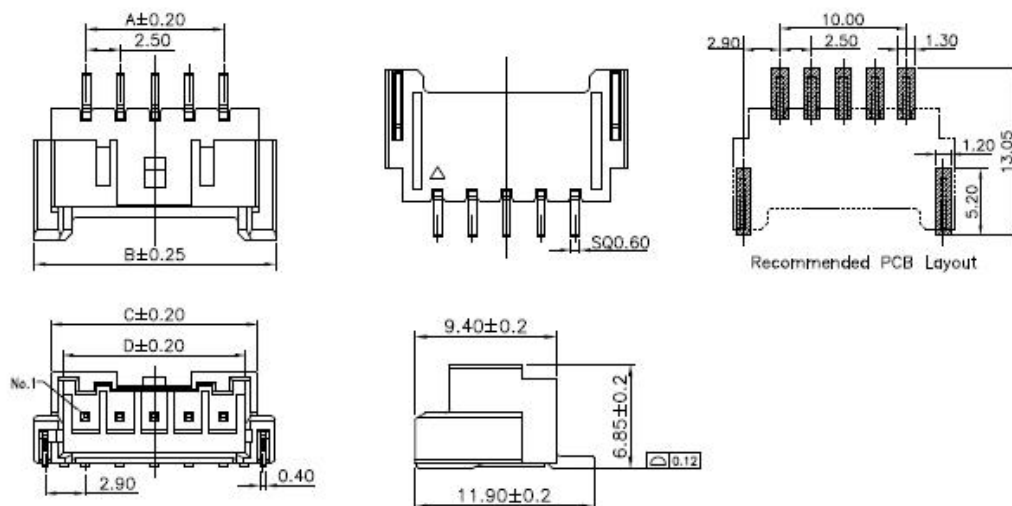
Circuits	Dimensions(mm)		
	A	B	C
02	2.50	10.00	5.30
03	5.00	12.50	
04	7.50	15.00	
05	10.00	17.50	6.40
06	12.50	20.00	
07	15.00	22.50	
08	17.50	25.00	
09	20.00	27.50	
10	22.50	30.00	
11	25.00	32.50	
12	27.50	35.00	
13	30.00	37.50	
14	32.50	40.00	
15	35.00	42.50	

Specifications:
Material And Finish:
Insulator: PA9T UL94V-0 COLOR: Natrual
Contact: Brass
Solder tabs: Brass
Plated: Tin Plated Over Ni
Rating:
Current Rating: 3.0 Amp (22AWG)
Voltage Rating: 250V AC/DC
Operating Temperature Range: -40°~+125°C
Electrical:
Contact resistance: 10m Ohm Max
Insulator resistance: 1000M ohm min.
Withstanding Voltage: 1000V AC/Minute



Ordering Information
A2505H-XXQ-01-D
1 2 3 4 5

1:—Series No.
2:—H: Horizontal Type
3:—No. of Positions
4:—Q: Tin Plated
5:—D: In Tape & Reel



Circuits	Dimensions(mm)			
	A	B	C	D
02	2.50	10.00	7.50	5.80
03	5.00	12.50	10.00	8.30
04	7.50	15.00	12.50	10.80
05	10.00	17.50	15.00	13.30
06	12.50	20.00	17.50	15.80
07	15.00	22.50	20.00	18.30
08	17.50	25.00	22.50	20.80
09	20.00	27.50	25.00	23.30
10	22.50	30.00	27.50	25.80
11	25.00	32.50	30.00	28.30
12	27.50	35.00	32.50	30.80
13	30.00	37.50	35.00	33.30
14	32.50	40.00	37.50	35.80
15	35.00	42.50	40.00	38.30

东莞市华晶电子有限公司
<http://www.hjbright.com>

.098" (2.50mm) Pitch 90° Wafer / Housing

Specifications:

Material And Finish:

Insulator:PA66 UL94V-0 Color:Natural

Contact:Copper Alloy

Plated:See Ordering Information

Rating:

Current Rating:3.0 Amp(22AWG)

Voltage Rating:250V AC/DC

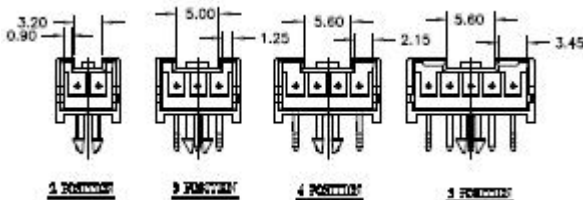
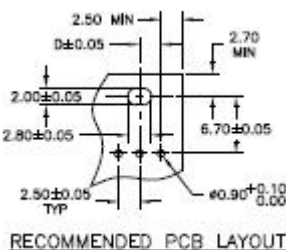
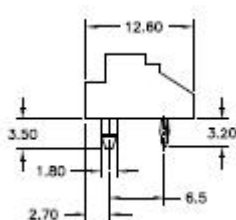
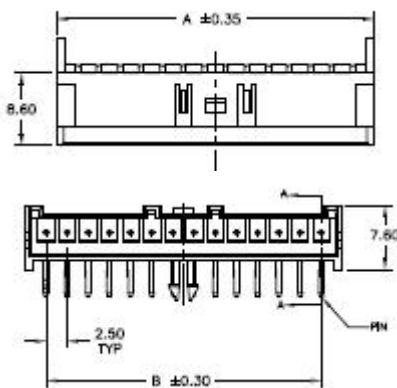
Operating Temperature Range:-40°~+105°C

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:1000V DC/Minute



Ordering Information

A2505R-XXX-01-X

- 1: Series No.
2: R/R/A Type
3: No. of Positions
4: A:Gold flash
Q: Tin Plated
5: A: In Bag
B: In Tube

POS	B	A
20	47.50	52.50
19	45.00	50.00
18	42.50	47.50
17	40.00	45.00
16	37.50	42.50
15	35.00	40.00
14	32.50	37.50
13	30.00	35.00
12	27.50	32.50
11	25.00	30.00
10	22.50	27.50
9	20.00	25.00
8	17.50	22.50
7	15.00	20.00
6	12.50	17.50
5	10.00	15.00
4	7.50	12.50
3	5.00	10.00
2	2.50	7.50

Specifications:

Material And Finish:

Insulator: Nylon 66 UL94V-0

Color: Natural

Rating:

Current Rating:3.0 Amp(22AWG)

Voltage Rating:250V AC/DC

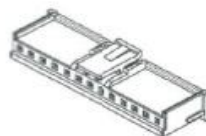
Operating Temperature Range:-40°~+105°C

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:1000V DC/Minute

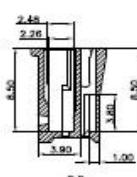
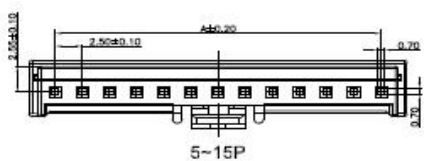
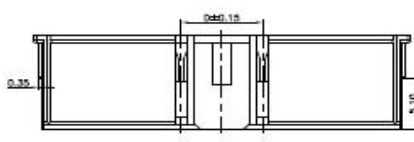
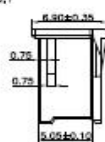
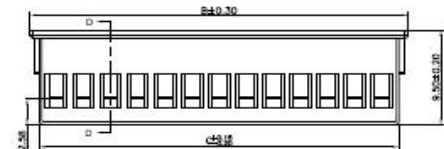
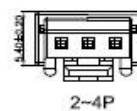
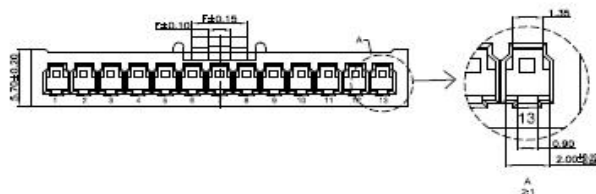


Ordering Information

H2505-XXP-XA

1 2 3 4

- 1: Series No.
2: No. of Positions
3: N: Natural
B: Black
R: Red
Y: Yellow
BL: Blue
GN: Green
4: A: In Bag



Poles	Dimensions(FF)					
	A	B	C	D	E	F
02P	7	7.30	5.60	4.90	1.15	2.90
03P	5.00	9.80	8.10	7.00	2.05	4.40
04P	7.50	12.30	10.60	7.50	2.05	5.00
05P	10.00	14.80	13.10	7.50	2.05	5.00
06P	12.50	17.30	15.60	7.50	2.05	5.00
07P	15.00	19.80	18.10	7.50	2.05	5.00
08P	17.50	22.30	20.60	7.50	2.05	5.00
09P	20.00	24.80	23.10	7.50	2.05	5.00
10P	22.50	27.30	25.60	7.50	2.05	5.00
11P	25.00	29.80	28.10	7.50	2.05	5.00
12P	27.50	32.30	30.60	7.50	2.05	5.00
13P	30.00	34.80	33.10	7.50	2.05	5.00
14P	32.50	37.30	35.60	7.50	2.05	5.00
15P	35.00	39.80	38.10	7.50	2.05	5.00

.098" (2.50mm) Pitch Terminal

HJBRIGHT®

Specifications:

Material: Phosphoric Bronze

Applicable wire sizes: AWG#22~28#

Rating:

Current Rating: 3.0 Amp (22AWG)

Voltage Rating: 250V AC/DC

Operating Temperature Range: -40°~+105°C

Electrical:

Contact resistance: 10m Ohm Max

Insulator resistance: 1000M ohm min.

Withstanding Voltage: 1000V AC/Minute



Ordering Information

H2505T-PX

1 2 3

1:—Series No.

2:—T: Terminal

3:—A: Gold flash

Q: Plated Tin

